

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Title: Multiple Horn Atomizer with High  
Frequency Capability

Inventor(s): Shirley Cheng Tsai

Assignee(s):

Serial No.:

Filing Date:

Group No.:

Examiner:

Attorney Docket No.: 0103.1T2

INFORMATION DISCLOSURE  
STATEMENT - REMARKS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.56 and pursuant to 37 C.F.R. 1.97-1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents listed on the attached Form PTO-SB-08A. One copy of the cited document is submitted herewith.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute any of the listed documents as prior art during examination. Further, Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Furthermore, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist. Applicant respectfully submits that all pending claims are patentable over the foregoing references, alone or in combination.

The present Information Disclosure Statement is being filed within three months of the filing date of the U.S. patent application, and therefor no certification under 37 C.F.R. 1.97(e) or fee under 37 C.F.R. 1.17(p) is required.

Respectfully submitted,

Dated: December 29, 2003

*David T. Bracken*

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<b>37 CFR 1.501</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN A PATENT</b> (Use several sheets if necessary)					Docket Number (Optional) 0103.1aT2		Patent Number	
					Applicant Tsai			
					Issue Date		Group Art Unit	

  

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
	4826522	2/1998	Kokubo et al						
	4350302	9/1982	Gruber et al						
	4152457	10/1992	Burwell et al						
	4587905	11/1997	Tsai						
	4271100	6/1981	Trassy						
	4978067	12/1990	Berger et al						

  

FOREIGN PATENT DOCUMENTS									
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
						YES	NO		

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Tsai et al, "The role of capillary waves in two-fluid atomization", Phys. Fluids, 9(10), October 1997, 2909-2918

  

EXAMINER	DATE CONSIDERED
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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.